



JAN.30.2004 12:03PM

TTC-PA 650-326-2422

NO.365

P.35

USPTO->

58 326 2422 RICH FAX

Page 881

TO:Auto-reply fax to 6503262422 COMPANY:

ATTACHMENT B

Auto-Reply Facsimile Transmission



UNITED STATES
PATENT AND
TRADEMARK OFFICE

TO:

Fax Sender at 6503262422

Fax Information

Date Received:

10/21/03 5:06:35 PM [Eastern Daylight Time]

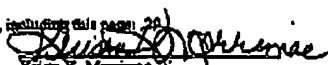
Total Pages:

29 (including cover page)

ADVISORY: This is an automatically generated return receipt confirmation of the facsimile transmission received by the Office. Please check to make sure that the number of pages listed as received in Total Pages above matches what was intended to be sent. Applicants are advised to retain this receipt in the unlikely event that proof of this facsimile transmission is necessary. Applicants are also advised to use the certificate of facsimile transmission procedures set forth in 37 CFR 1.8(a) and (b), 37 CFR 1.6(f). Trademark Applicants, also see the Trademark Manual of Examining Procedure (TMEP) section 306 et seq.

Received
Cover
Page

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U.S. PATENT AND TRADEMARK OFFICE		TTC-PA 650-326-2422		NO. 365	
PTO FAX NO.:		(703) 672-9214		Any Document No. 21751-002200US	
ATTENTION:		Examiner Linzy T. McCartney		Group Art Unit 2571	
TELEPHONE NO.:		(703) 605-0745			
OFFICIAL COMMUNICATION AMENDMENT, REVOCATION OF POWER OF ATTORNEY, POWER OF ATTORNEY, STATEMENT UNDER 3.73(B) FOR FOR ENTRY IN U.S. PATENT APPLICATION NO. 09/851,940, FILED MAY 10, 2001					
FOR THE PERSONAL ATTENTION OF EXAMINER LINZY T. MCCARTNEY					
CERTIFICATION OF FACSIMILE TRANSMISSION					
I hereby certify that the following document(s) in re Application of DAVID E. BAKARF et al, U.S. Application No. 09/851,940, filed May 10, 2001 by GLOBAL INTERSECTION ANALYSIS FOR DETERMINING INTERSECTIONS OF OBJECTS IN COMPUTER ANIMATION are being facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below.					
Document(s) Attached					
1. SB/21 Transmittal Form (1 page)					
2. SB/17 Fee (in duplicate) (2 pages)					
3. Amendment (21 pages)					
4. Revocation of Power of Attorney or Authorization of Agent (1 page)					
5. Power of Attorney or Authorization of Agent (1 page)					
6. Statement Under 3.73(b) w/ copy of Assignment as filed (2 pages)					
Number of pages being transmitted, including this page: 29					
Dated: October 21, 2003					
 Kristin K. Morrison					
PLEASE CONFIRM RECEIPT OF THIS PAPER BY RETURN FACSIMILE AT (619) 326-3423					
TOWNSEND and TOWNSEND and CREW LLP Two Renaissance Center, 8th Floor San Francisco, CA 94111-3834 Telephone: 415-326-3400 / Fax: 415-326-3423					
cc:03114					
Received from: 6503262422 at 10/21/03 5:06:35 PM [Eastern Daylight Time]					

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Atty Docket No. 21751-002200US

JAN 30 2004

PTO FAX NO.: (703) 872-9306

ATTENTION: Centralized Fax No

TELEPHONE NO.: (703) 605-0745

Group Art Unit: 2671

OFFICIAL

**OFFICIAL COMMUNICATION
FOR THE PERSONAL ATTENTION OF
EXAMINER LINZY T. MCCARTNEY**

CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that the following document(s) in re Application of DAVID E. BARAFF et al., Application No. 09/851,940, filed May 10, 2001 for GLOBAL INTERSECTION ANALYSIS FOR DETERMINING INTERSECTIONS OF OBJECTS IN COMPUTER ANIMATION is being facsimile transmitted to the Patent and Trademark Office on the date shown below.

Document(s) Attached

1. SB/21 Transmittal Form (1 page)
2. Communication (3 pages)
3. Attachment A (29 pages)
4. Attachment B (1 page)

Number of pages being transmitted, including this page: 35

Dated: January 30, 2004


Krista K. Merrimac

PLEASE CONFIRM RECEIPT OF THIS PAPER BY RETURN FACSIMILE AT (650) 326-2422

TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, 8th Floor
San Francisco, CA 94111-3834
Telephone: 650-326-2400
Fax: 650-326-2422

60130056 v1

PTO/SB/21 (08-03)

TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>		Application Number	09/851,940
		Filing Date	May 10, 2001
		First Named Inventor	Baraff, David E.
		Art Unit	2671
		Examiner Name	Lizzy T. McCartney
Total Number of Pages in This Submission	35	Attorney Docket Number	21751-002200US

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) <i>(please identify below):</i> Communication, Attachment A, Attachment B, Certification of Facsimile Transmittal
Remarks		The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual	Townsend and Townsend and Crew LLP Sujit B. Kotwal Reg. No. 43,336
Signature	<i>S.B. Kotwal</i>
Date	January 30, 2004

CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, Fax No. (703) 872-9306 on January 30, 2004	
Typed or printed name	Krista K. Merriman
Signature	<i>Krista K. Merriman</i>
Date	January 30, 2004

60130071 v1

JAN 30 2004

OFFICIAL

I hereby certify that this correspondence is being facsimile
transmitted to the United States Patent and Trademark Office, at the
Centralized Fax No. (703) 872-9306

PATENT
Docket No.: 21751-002200US

On January 30, 2004

TOWNSEND and TOWNSEND and CREW LLP

By: 

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

DAVID E. BARAFF et al.

Application No.: 09/851,940

Filed: May 10, 2001

For: GLOBAL INTERSECTION
ANALYSIS FOR DETERMINING
INTERSECTIONS OF OBJECTS IN
COMPUTER ANIMATION

Examiner: Linzy T. McCartney

Art Unit: 2671

COMMUNICATION RE Amendment and
other documents Filed On October 21, 2003

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir/Madam:

This communication is being filed as requested by Examiner Linzy T. McCartney during a telephone conference with the Examiner on January 29, 2004.

An Amendment (along with a Revocation of Power of Attorney, Power of Attorney, and Statement under 3.73(b)) was fax-filed for this application on October 21, 2003. The Amendment was fax-filed to the attention of Examiner Linzy T. McCartney at the US Patent and Trademark Office, Group Art Unit 2671, RIGHT FAX Number (703) 872-9314.

A call was placed to Examiner McCartney on January 14, 2004 to confirm that the Amendment was received by the Examiner. The Examiner called the undersigned attorney on January 29, 2004, indicating that he had not yet received the Amendment. The Examiner requested that the Amendment and other documents, as filed

DAVID E. BARAFF et al.
Application No.: 09/851,940
Page 2

PATENT

on October 21, 2003, be re-faxed to the Centralized USPTO Fax Number (703) 872-9306 along with evidence showing that the documents were indeed filed on October 21, 2003.

Accordingly, enclosed with this Communication is a copy of the documents (see Attachment A) as filed on October 21, 2003. The documents in Attachment A include:

- (1) Amendment Response to the Office Action dated July 21, 2003;
- (2) Revocation of Power of Attorney;
- (3) Power of Attorney;
- (4) Statement under 3.73(b);
- (5) Fee Transmittal (Form SB/17);
- (6) Transmittal Form (Form SB/21); and
- (7) Fax Cover Sheet.

The Transmittal Form (SB/21) for the filed documents (included in Attachment A) comprises a signed Certificate of Mailing certifying that the Amendment and other documents were filed on October 21, 2003. The fax cover sheet also indicates that the documents were filed on October 21, 2003.

Further, a confirmation (RIGHT FAX confirmation) was received from the USPTO confirming the faxed documents were properly received by the USPTO on October 21, 2003. The RIGHT FAX confirmation is attached as Attachment B.

Applicants thus respectfully submit that Attachments A and B unequivocally indicate that the Amendment and other documents were filed on October 21, 2003 and received by the USPTO.

Applicants thus respectfully request that the USPTO records for this application be updated to reflect filing of the Amendment and the other documents on October 21, 2003 (based upon Attachments A and B). Applicants further request that the Amendment and the other documents be given a filing date of October 21, 2003--the date when the documents were originally facsimile-filed and received by the USPTO (as evidenced by Attachments A and B).

DAVID E. BARAFF et al.
Application No.: 09/851,940
Page 3

PATENT

CONCLUSION

Please contact the undersigned attorney at 650-324-6365 if you have any questions or need more information to resolve this matter.

Respectfully submitted,

S. B. Kotwal

Sujit B. Kotwal
Reg. No. 43,336

TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, Eighth Floor
San Francisco, California 94111-3834
Tel: (650) 326-2400 / Fax: (650) 326-2422
SBK:km
60129941 v1

ATTACHMENT A

Atty Docket No. 21751-002200US

PTO FAX NO.: (703) 872-9314
ATTENTION: Examiner Linzy T. McCartney
TELEPHONE NO.: (703) 605-0745

Group Art Unit 2671

**OFFICIAL COMMUNICATION
AMENDMENT, REVOCATION OF POWER OF
ATTORNEY, POWER OF ATTORNEY, STATEMENT
UNDER 3.73(B) FOR FOR ENTRY IN U.S. PATENT
APPLICATION NO. 09/851,940, FILED MAY 10, 2001**

**FOR THE PERSONAL ATTENTION OF
EXAMINER LINZY T. MCCARTNEY**

CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that the following document(s) in re Application of DAVID E. BARAFF et al., U.S. Application No. 09/851,940, filed May 10, 2001 for GLOBAL INTERSECTION ANALYSIS FOR DETERMINING INTERSECTIONS OF OBJECTS IN COMPUTER ANIMATION are being facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below.

Document(s) Attached

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2. SB/17 Fee (in duplicate) (2 pages)
3. Amendment (21 pages)
4. Revocation of Power of Attorney or Authorization of Agent (1 page)
5. Power of Attorney or Authorization of Agent (1 page)
6. Statement Under 3.73(b) w/ copy of Assignment as filed (2 pages)

Number of pages being transmitted, including this page: 29

Dated: October 21, 2003


Krista K. Merrimac

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TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, 8th Floor
San Francisco, CA 94111-3834
Telephone: 650-326-2400 / Fax: 650-326-2422

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60065318 v1

PTO/SB/21 (08-03)

TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>		Application Number	09/851,940
		Filing Date	May 10, 2001
		First Named Inventor	Baraff, David E.
		Art Unit	2671
		Examiner Name	Linzy T. McCartney
Total Number of Pages in This Submission	1	Attorney Docket Number	21751-002200US

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input checked="" type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) <i>(please identify below):</i> Power of Attorney, Statement Under 3.73(b) w/ copy of Assignment as originally filed; Certification of Facsimile Transmittal
Remarks: The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual	Townsend and Townsend and Crew LLP Sujit B. Kotwal Reg. No. 43,338
Signature	S. B. Kotwal
Date	October 21, 2003

CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, Fax No. (703) 872-9314 on October 21, 2003.	
Typed or printed name	Krista K. Merriman
Signature	<i>Krista K. Merriman</i>
Date	October 21, 2003

60065340 v1

COPY

PTO/SB/17 (10-03)

FEE TRANSMITTAL for FY 2004

Effective 10/01/2003, Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 194

Complete if Known

Application Number 09/851,940
 Filing Date May 10, 2001
 First Named Inventor Baraff, David E.
 Examiner Name Linzy T. McCartney
 An Unit 2671
 Attorney Docket No. 21751-002200US

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number

20-1430

Deposit Account Name

Townsend and Townsend and Crew LLP

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	180	2005	80	Provisional filing fee	

SUBTOTAL (1)

(\$)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

	Total Claims	Extra Claims	Fee from below	Fee Paid
	30	-24** = 6	X \$18 =	\$108
Independent Claims	7	-6** = 1	X \$85 =	\$85
Multiple Dependent			X =	

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	88	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	88	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$)

**or number previously paid, if greater. For Reissues, 600 above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	655	Petition to revive - unintentional	
1501	1,330	2501	655	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Petitions related to provisional applications	
1808	180	1808	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.128(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.128(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid SUBTOTAL (3)

(\$)

SUBMITTED BY

Complete if applicable

Name (Print/Type)

Sujit B. Kotwal

Registration No. (Attorney/Agent)

43,336

Telephone

650-326-2400

Signature

S. B. Kotwal

Date

October 21, 2003

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60065326 v1

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PTO/SB/17 (10-03)

FEE TRANSMITTAL for FY 2004

Effective 10/01/2003, Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27
TOTAL AMOUNT OF PAYMENT (\$)
194

Complete If Known

Application Number	09/851,940
Filing Date	May 10, 2001
First Named Inventor	Baraff, David E.
Examiner Name	Linzy T. McCartney
Art Unit	2671
Attorney Docket No.	21751-002200US

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:
Deposit
Account
Number

20-1430

Deposit
Account
Name

Townsend and Townsend and Crew LLP

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
		1001	770	Utility filing fee	
		1002	340	Design filing fee	
		1003	530	Plant filing fee	
		1004	770	Reissue filing fee	
		1005	180	Provisional filing fee	

SUBTOTAL (1)

(\$)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
30	24** = 6	\$518	\$108
Independent Claims	7	6** = 1	\$96
Multiple Dependent		X	

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description
		1202	18	Claims in excess of 20
		1201	86	Independent claims in excess of 3
		1203	280	Multiple dependent claim, if not paid
		1204	86	** Reissue independent claims over original patent
		1205	18	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$)

**or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	2051	130	65	Surcharge - late filing fee or oath	
1052	2052	50	25	Surcharge - late provisional filing fee or cover sheet	
1053	1053	130	130	Non-English specification	
1812	1812	3,520	3,520	For filing a request for reexamination	
1804	1804	920*	920*	Requesting publication of SIR prior to Examiner action	
1805	1805	1,840*	1,840*	Requesting publication of SIR after Examiner action	
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1253	2253	950	475	Extension for reply within third month	
1254	2254	1,480	740	Extension for reply within fourth month	
1255	2255	2,010	1,005	Extension for reply within fifth month	
1401	2401	330	165	Notice of Appeal	
1402	2402	330	165	Filing a brief in support of an appeal	
1403	2403	290	145	Request for oral hearing	
1451	1451	1,510	1,510	Petition to institute a public use proceeding	
1452	2452	110	55	Petition to revive - unavoidable	
1453	2453	1,330	665	Petition to revive - unintentional	
1501	2501	1,330	665	Utility issue fee (or reissue)	
1502	2502	480	240	Design issue fee	
1503	2503	640	320	Plant issue fee	
1460	1460	130	130	Petitions to the Commissioner	
1807	1807	50	50	Petitions related to provisional applications	
1806	1806	180	180	Submission of Information Disclosure Stmt	
8021	8021	40	40	Recording each patent assignment per property (times number of properties)	
1809	2809	770	385	Filing a submission after final rejection (37 CFR § 1.129(a))	
1910	2910	770	385	For each additional invention to be examined (37 CFR § 1.129(b))	
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1802	1802	900	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid SUBTOTAL (3)

(\$)

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Sujit B. Kotwal	Registration No. (Attorney/Agent)	43,336	Telephone	650-326-2400
Signature	S. B. Kotwal	Date	October 21, 2003		

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